

REMARKS

The Examiner rejected claims 1, 10, 11 and 20 under 35 U.S.C. § 102 as being anticipated by U.S. Patent No. 6,230,018 to Watters *et al.* ("Watters"). Watters discloses a method of determining the position of a mobile terminal in a synchronous mobile radio communication system:

through measurement of the time difference of arrival (TDOA) of radio signals from base stations of the network at the mobile. By measuring the difference in arrival times of radio signals from two base stations having a known timing relationship, the location of the mobile may be determined to lie somewhere along a hyperbolic surface (hyperboloid) between the base stations.

col. 1, lines 30-36 (emphasis added). That is, the mobile terminal measures the TDOA of wireless communication signals from different (fixed) base stations, and uses this information to estimate its position.

The present invention relates to a method of performing bit-edge synchronization of navigation satellite signals transmitted by satellites, such as GPS signals, by a mobile terminal in the presence of periodic radio interference due to the mobile terminal's communications with a wireless communication system. Watters does not disclose or suggest that its mobile terminals include a navigation satellite signal receiver; that bit-edge synchronization of signals received from navigation satellites is precluded by interference resulting from periodic radio communications with the wireless communication system; or any method of using TDOA information about the satellite signals to achieve bit-edge synchronization of the satellite signals in the presence of the interference.

Claims 1, 10, 11 and 20 all explicitly recite – not only in the preamble but also as express limitations within the claims – acquiring TDOA information for and/or performing bit-edge synchronization of "navigation satellite signals." As Watters fails to disclose or suggest this limitation, the rejected claims define patentable novelty over the art of record.

Applicants note that claims 21-29 are allowed, and claims 2-9 and 12-19 are indicated allowable if rewritten in independent form. In light of the above remarks, prompt allowance of all pending claims is hereby respectfully requested.

Respectfully submitted,

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